



*National Weather Service
Grand Junction, CO
(970) 256-9463
weather.gov/grandjunction*

Decision Support Briefing for SnowEx (NASA) – 6 February, 2017

Overview

Scattered snow showers have already begun over several mountain areas with plenty of clouds elsewhere as the first in a series of Pacific storms and an associated cold front begins to impact the region. The cold front looks like it will stall out before reaching both SnowEx sites at this time but gusty winds ahead of the front will be experienced all the same. The unsettled weather will continue through at least Wednesday as a few more disturbances move through the region. The heaviest accumulations are expected on Tuesday when the best surge of moisture arrives. Storm total snowfall through Wednesday for the Grand Mesa is one to two feet with some locally higher amounts. A Winter Storm Warning remains in effect for the Grand Mesa through 6 PM MST Wednesday. The northwestern San Juan Mountains will see 6 to 12 inches through Wednesday with locally higher amounts. A Winter Weather Advisory remains in effect for the San Juans through 6 PM MST Wednesday. In addition to heavy snowfall, gusty winds will persist throughout the storm with the strongest winds expected on Tuesday, especially down near Senator Beck. Gusts 30 to 50 MPH will be possible.

Local Weather Hazards for 10 Miles NNW Cedaredge CO (Grand Mesa at Mesa/Delta Co Line)

Hazardous Weather Outlook
Winter Storm Warning

National Weather Service Forecast for 10 Miles NNW Cedaredge CO (Grand Mesa at Mesa/Delta Co Line)

For the latest forecast, go to <http://forecast.weather.gov/MapClick.php?lat=39.027&lon=-108.02>

This Afternoon: Scattered snow showers. Cloudy, with a high near 33. South southeast

wind around 5 mph. Chance of precipitation is 50%. Total daytime snow accumulation of less than one inch possible.

Tonight: Snow showers. Patchy blowing snow after 8pm. Low around 23. West southwest wind 10 to 15 mph. Chance of precipitation is 90%. New snow accumulation of 2 to 4 inches possible.

Tuesday: Snow showers. Areas of blowing snow before 2pm, then patchy blowing snow after 4pm. High near 32. West southwest wind around 15 mph. Chance of precipitation is 90%. New snow accumulation of 3 to 7 inches possible.

Tuesday Night: Snow showers. Patchy blowing snow after midnight. Low around 27. West wind 10 to 15 mph. Chance of precipitation is 90%. New snow accumulation of 3 to 5 inches possible.

Wednesday: Rain and snow showers before 4pm, then a chance of snow showers between 4pm and 5pm, then a chance of rain and snow showers after 5pm. Patchy blowing snow before 10am. High near 37. West wind 10 to 15 mph. Chance of precipitation is 90%.

Wednesday Night: A 20 percent chance of snow showers before 11pm. Mostly cloudy, with a low around 25.

Thursday: A 30 percent chance of showers after 5pm. Partly sunny, with a high near 39.

Thursday Night: A chance of rain and snow showers before 7pm, then a chance of snow showers. Mostly cloudy, with a low around 29.

Friday: A chance of snow showers before 10am, then rain and snow showers between 10am and 1pm, then rain showers after 1pm. Cloudy, with a high near 38.

Friday Night: Snow showers. Cloudy, with a low around 25.

Saturday: Snow showers. Cloudy, with a high near 32.

Saturday Night: A chance of snow showers. Mostly cloudy, with a low around 18.

Sunday: Partly sunny, with a high near 32.

Sunday Night: Partly cloudy, with a low around 17.

Monday: Sunny, with a high near 36.

Local Weather Hazards for 7 Miles ENE Ophir CO (Senator Beck)

Hazardous Weather Outlook
Winter Weather Advisory

National Weather Service Forecast for 7 Miles ENE Ophir CO (Senator Beck)

For the latest forecast, go to <http://forecast.weather.gov/MapClick.php?lat=37.905&lon=-107.72>

This Afternoon: Scattered snow showers. Cloudy, with a high near 25. Windy, with a west southwest wind around 30 mph, with gusts as high as 45 mph. Chance of precipitation is 40%.

Tonight: Snow showers. Widespread blowing snow. Low around 18. Windy, with a west southwest wind 30 to 35 mph, with gusts as high as 55 mph. Chance of precipitation is 90%. New snow accumulation of 2 to 4 inches possible.

Tuesday: Snow showers. Widespread blowing snow. High near 25. Windy, with a southwest wind 30 to 35 mph, with gusts as high as 45 mph. Chance of precipitation is 90%. New snow accumulation of 3 to 5 inches possible.

Tuesday Night: Snow showers. Widespread blowing snow. Low around 20. Windy, with a west wind around 30 mph, with gusts as high as 45 mph. Chance of precipitation is 90%. New snow accumulation of 3 to 5 inches possible.

Wednesday: Snow showers, mainly before 11am. Widespread blowing snow before 11am. High near 28. Windy, with a west wind 25 to 30 mph, with gusts as high as 40 mph. Chance of precipitation is 90%.

Wednesday Night: A 10 percent chance of snow showers before 11pm. Partly cloudy, with a low around 18.

Thursday: Mostly sunny, with a high near 34.

Thursday Night: A slight chance of snow showers. Mostly cloudy, with a low around 25. Breezy.

Friday: A chance of snow showers. Mostly cloudy, with a high near 33. Breezy.

Friday Night: Snow showers. Areas of blowing snow after 11pm. Cloudy, with a low around 20. Breezy.

Saturday: Snow showers. Areas of blowing snow. Cloudy, with a high near 26. Breezy.

Saturday Night: Snow showers likely. Cloudy, with a low around 12.

Sunday: A chance of snow showers. Partly sunny, with a high near 24.

Sunday Night: Partly cloudy, with a low around 13.

Monday: A chance of snow showers. Mostly sunny, with a high near 30.

Aviation Forecast for Grand Junction Regional Airport

KGJT 062331

TAFGJT

TAF

KGJT 062331Z 0700/0724 20004KT P6SM BKN050

FM070300 14005KT P6SM VCSH BKN080

FM071200 16006KT P6SM -SHRASN OVC040

FM071600 15005KT 5SM -SHRA BR OVC025

FM071900 20007KT P6SM -SHRA OVC035

FM072000 22007KT P6SM OVC040=

Aviation Forecast for Colorado Springs Airport

KCOS 062016Z 0620/0718 31015G30KT P6SM FEW100 SCT140 SCT240
FM070800 28010KT P6SM SKC=

Aviation Forecast for Centennial Airport

KAPA 061914Z 0619/0718 24009KT P6SM FEW100 BKN200
FM062000 30016G26KT P6SM FEW120 SCT200
FM070100 27011KT P6SM SCT120 BKN200
FM070400 22012KT P6SM SCT120 SCT200
FM071300 22008KT P6SM SCT120 BKN200=

Discussion

Grand Mesa forecast cloud levels:

Tuesday: Ovc 1500-1000ft AGL in the morning and persisting throughout the day. Ceilings could drop below 1000ft AGL in the mid-morning when the heaviest accumulations are occurring.

Senator Beck forecast cloud levels:

Tuesday: Bkn-Ovc 2000-1500ft AGL with periods of ceilings below 1500ft in the mid-morning when heaviest accumulations are occurring. Bkn 1500ft AGL after 5 PM MST.

Current PIREPs: <https://www.aviationweather.gov/airep/plot?type=turb@ion=SW>

Current SITREPs: <https://www.aviationweather.gov/sigmat>

Current radar:

<http://radar.weather.gov/radar.php?rid=GJX&product=NCR&overlay=11101111&loop=yes>

Current satellite: <http://www.weather.gov/satellite?image=ir#ir>

For official pilot briefings, call 1-800-WX-BRIEF

For Further Information

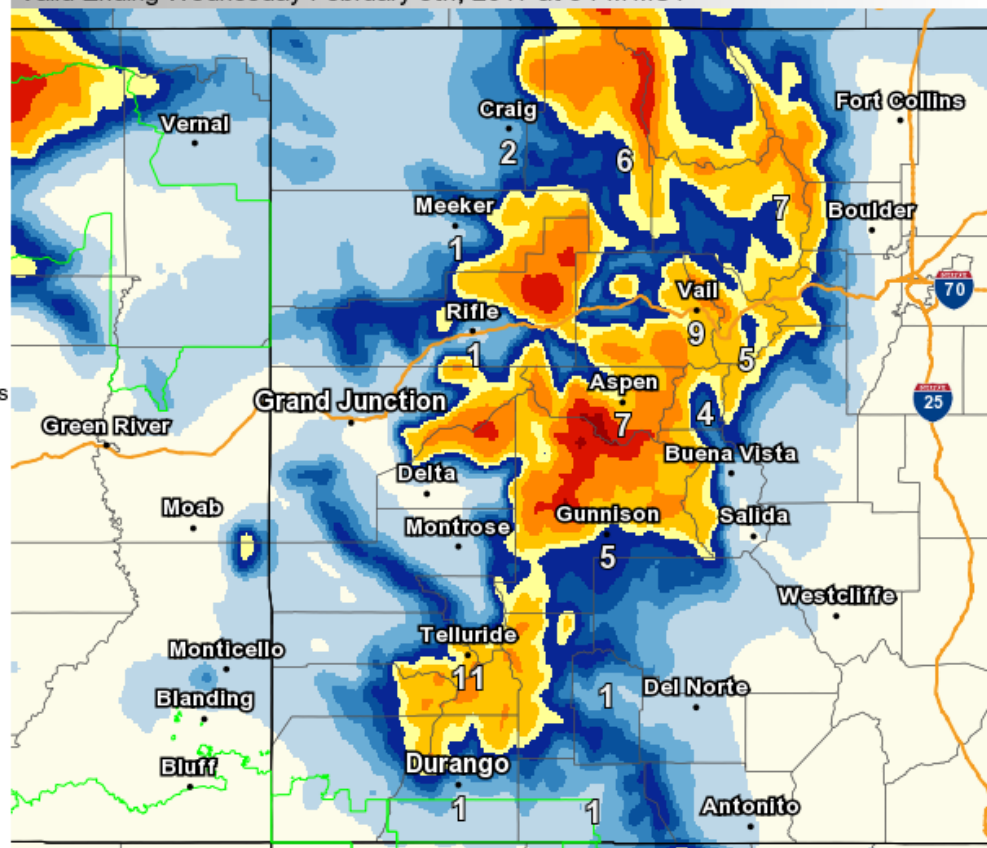
- Contact National Weather Service operations 24 hours a day at 970-256-9463 (unlisted)
- For specific support of emergency response incidents, request a spot forecast by contacting the NWS forecast office by phone or online.
- Online spot forecast request available at:
<http://www.weather.gov/spot/monitor/?lat=39.0293452169889&lon=-109.20392753906285&z=7>

Forecaster: Megan Stackhouse

Forecast Snowfall

National Weather Service

Valid Ending Wednesday February 8th, 2017 at 5 PM MST



Graphic Created
February 6th, 2017
4:45 PM MST